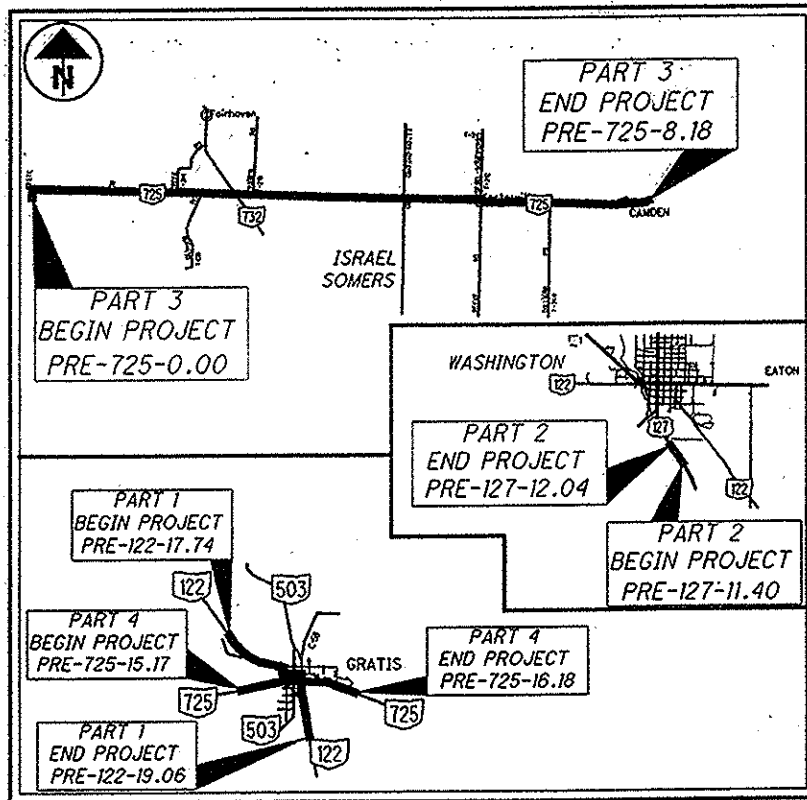


PRE - SR-122/725-17.74/0.00
110430 PID - 84612
Dist 8 6/30/2011

Contract Proposal available
@www.contracts.dot.state.oh.us/home



LOCATION MAP

LATITUDE: 39°12'36" N LONGITUDE: 84°35'02" W

DESIGN EXCEPTIONS: N/A

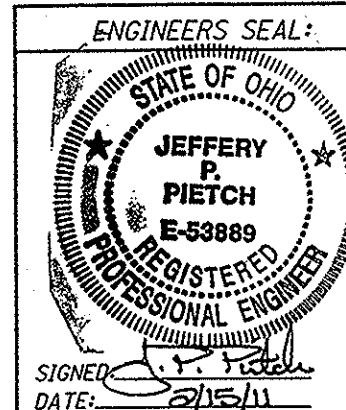
UNDERGROUND UTILITIES
CONTACT BOTH SERVICES
CALL TWO WORKING DAYS
BEFORE YOU DIG

CALL
1-800-362-2764
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE
NON-MEMBERS
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE
SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:
DISTRICT 8 PRODUCTION



STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	10/19/07									800	04/15/11
BP-4.1	7/16/04									832	05/05/09
BP-7.1	10/15/10										
MT-97.10	10/15/10										
MT-97.12	10/15/10										
MT-99.20	1/16/09										
MT-101.90	1/16/09										
MT-105.10	1/16/09										
MT-110.10	1/16/09										
TC-52.10	1/19/07										
TC-52.20	1/19/07										
TC-65.10	1/21/05										
TC-65.11	1/21/05										
TC-71.10	1/21/11										
TC-73.10	1/19/01										
										SPECIAL PROVISIONS	

APPROVED *Steve Mandy*
DATE 2-15-11 DISTRICT DEPUTY DIRECTOR

APPROVED *Steve Mandy*
DATE 4-4-11 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

PRE-122/725- 17.74/0.00

GRATIS TOWNSHIP ISRAEL TOWNSHIP SOMERS TOWNSHIP WASHINGTON TOWNSHIP

INDEX OF SHEETS:

TITLE	1
SCHEMATIC	2-5
ASPHALT CONCRETE	6
PAVED SHOULDER	7
GENERAL NOTES	8
MAINTENANCE OF TRAFFIC	9
RUMBLE STRIPE	10
PAVEMENT MARKING	11
RAISED PAVEMENT MARKERS	12
GENERAL SUMMARY	13

PROJECT DESCRIPTION

PLANE 2" AND PAVE 1" OF INTERMEDIATE COURSE
1" SURFACE COURSE ON SR 122 & SR 725. PLANE 2.5"
AND PAVE 1" INTERMEDIATE COURSE 1.50" OF SURFACE
COURSE ON US 127, PAVEMENT REPAIR, STRIPING
ROADWAY, INSTALL RAISED PAVEMENT MARKERS, AND
CURB RAMPS AND DETECTABLE WARNING.

PROJECT EDA: N/A (MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EDA: N/A (MAINTENANCE PROJECT)
NOTICE OF INTENT EDA: N/A (MAINTENANCE PROJECT)

PART	COUNTY	ROUTE	SECTION	PROJECT TERMINI		NET LENGTH MILES	VILLAGE	CITY
				BEGIN	END			
1	PRE	SR 122	17.74-19.06	17.74	19.06	1.32	GRATIS	
2	PRE	SR 127	11.40-12.04	11.40	12.04	0.64		EATON
3	PRE	SR 725	0.00-8.18	0.00	8.18	8.18		
4	PRE	SR 725	15.17-16.18	15.17	16.18	1.01		

2010 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF
OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING
CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED
IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT
THE MAKING OF THIS IMPROVEMENT WILL NOT
REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY
AND THAT PROVISIONS FOR THE MAINTENANCE AND
SAFETY WILL BE AS SET FORTH ON PLANS AND
ESTIMATES.

FEDERAL PROJECT NO. E 090 (088)
PID NO. 84612
CONSTRUCTION PROJECT NO.
RAILROAD INVOLVEMENT NONE
PRE-122/725-17.74/0.00
1
13

BEGIN PROJECT PRE-122 S.L.M 17.74
BUTT JOINT 17.74

BRUBAKER ROAD
17.98

NORTH STREET
18.15

HARRISON STREET
18.23

SR 503
18.43

NORTH EAST
18.49

FRANKLIN ROAD
18.45

SR 725
18.47

THOMAS STREET
18.49

MACK STREET
18.53

BUTT JOINT 19.06
END PROJECT PRE-SR122 S.L.M 19.06

SCHEMATIC PRE-SR122-17.74

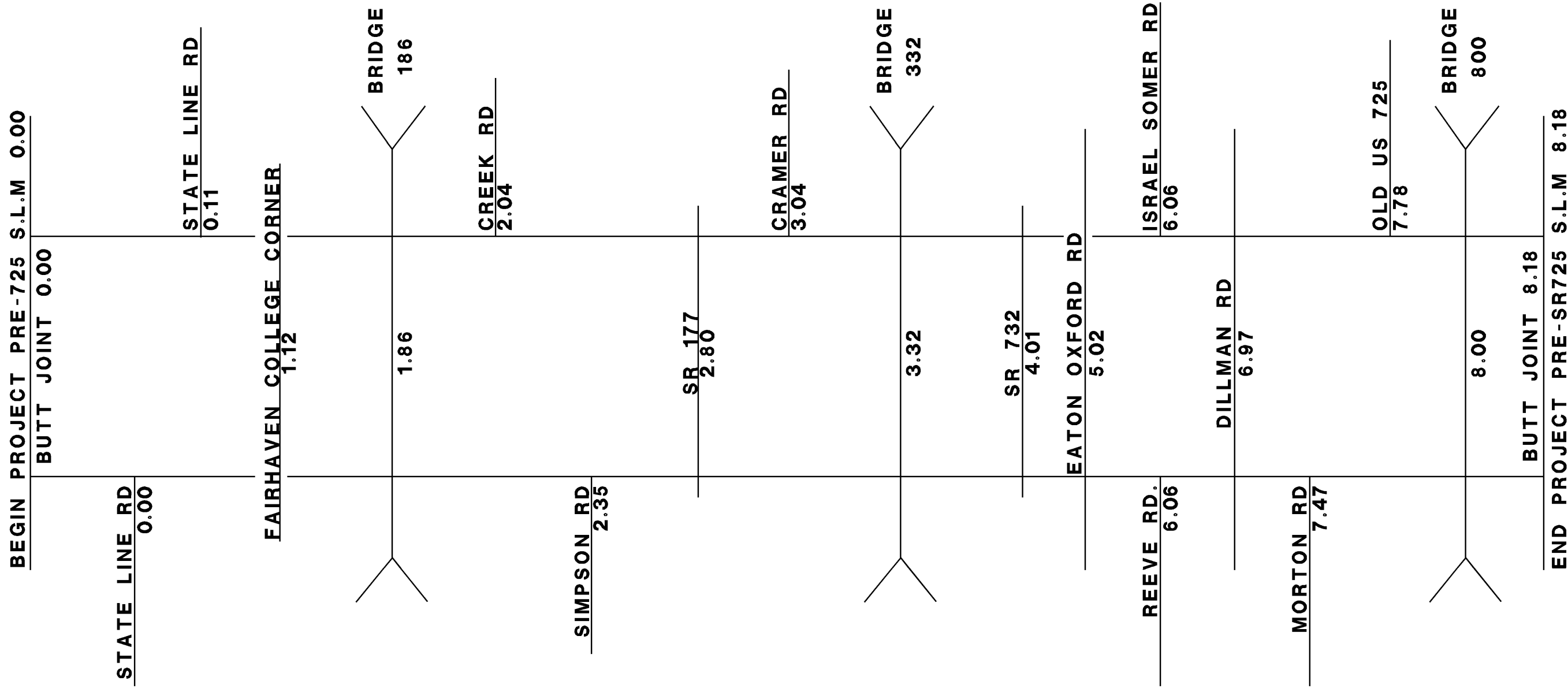
BEGIN PROJECT PRE-US127 S.L.M 11.40
BUTT JOINT 11.40

SCHEMATIC
PRE-US127-11.40

BUTT JOINT 12.04
END PROJECT PRE-US127 S.L.M 12.04

SCHEMATIC

PRE - SR725 - 0.00



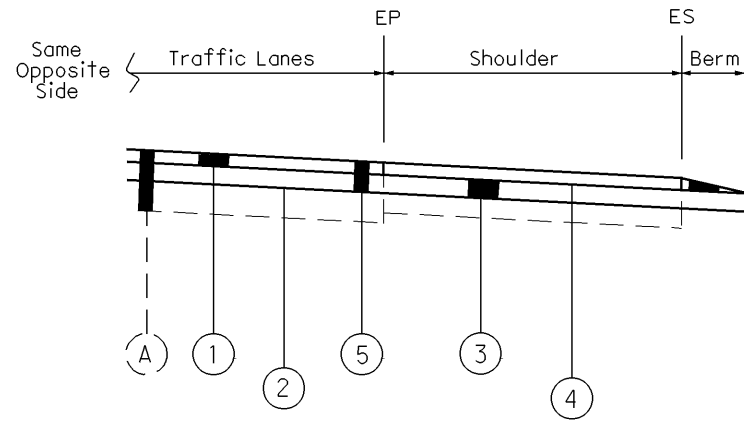
BEGIN PROJECT PRE-725 S.L.M 15.17

BUTT JOINT 15.17	
HARRISON STREET	
15.58	
SR 503	
15.64	
SR 122	
15.70	
	FRANKLIN STREET
	15.92
	MCCLOUD DRIVE
	15.93
	PARRISR DRIVE
	16.00
MARY KAY DRIVE	
16.01	
	JUDY DRIVE
	16.13
BUTT JOINT 16.18	
END PROJECT PRE-SR725 S.L.M 16.18	

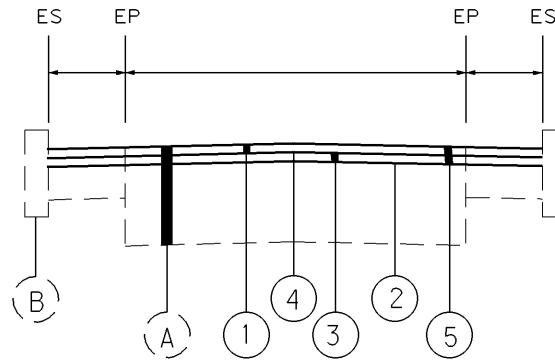
SCHEMATIC
PRE-SR 725

I:\projects\PRE\sr122\17.74_PID84612\Design\CADD\84612GCC001.dgn 15-FEB-2011 7:09AM mswaffor

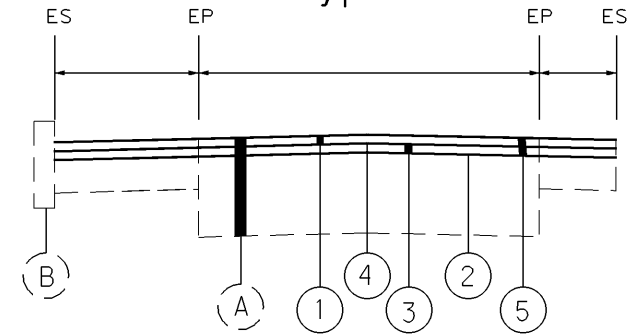
Typical 1



Typical 2



Typical 3



(A) Existing Pavement

(B) Existing Curb

1 Item 448 - 1.00" Asphalt Concrete Surface Course, Type 1, PG 64-22 /
Item 448 - 1.50" Asphalt Concrete Surface Course, Type 1H (US 127 ONLY)

2 Item 407 - Tack Coat

3 Item 448 - 1.00" Asphalt Concrete Intermediate Course, Type 1, PG 64-22

4 Item 407 - Tack Coat for Intermediate Course

5 Item 254 - 2.0" Pavement Planing, Asphalt Concrete /
2.5" Pavement Planing, Asphalt Concrete (US 127 ONLY)

QUANTITIES CARRIED TO THE GENERAL SUMMARY

* AVERAGE PAVEMENT WIDTH

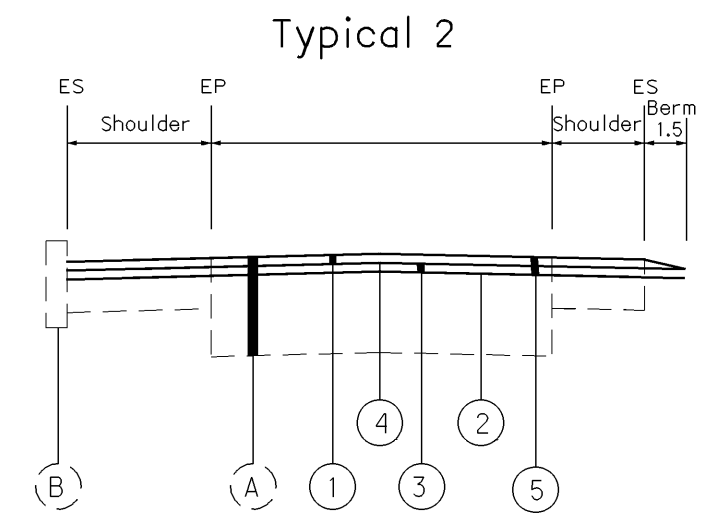
PAVEMENT DATA

PART	COUNTY	ROUTE	LOG POINT TO LOG POINT	LENGTH		TYPICAL	TOTAL PAVEMENT WIDTH	PAVEMENT AREA SQ YD	ITEM 407		ITEM 448									ITEM 254		
				MILES	FT				TACK COAT FOR INTERMEDIATE COURSE 0.050 gal./ s.y.	TACK COAT 0.075 gal./ s.y.	INTERMEDIATE COURSE TYPE 1, PG 64-22		SURFACE COURSE TYPE 1, PG 64-22		SURFACE COURSE TYPE 1H					PAVEMENT PLANING, ASPHALT CONCRETE		PATCHING PLANED SURFACE
											GAL	GAL	AVG THICK INCHES	CU YD	AVG THICK INCHES	CU YD	AVG THICK INCHES	CU YD				
1	PRE	122	17.74-17.96	0.22	1162	3	22	2840	142	213	1	79	1	79					2	2840	142	
			17.96-18.30	0.34	1795	1	22	4388	219	329	1	122	1	122					2	4388	219	
			18.30-18.36	0.06	317	3	22	775	39	58	1	22	1	22					2	775	39	
			18.36-18.61	0.25	1320	2	44	6453	323	484	1	179	1	179					2	6453	323	
			18.61-19.06	0.45	2376	1	20	5280	264	396	1	147	1	147					2	5280	264	
2	PRE	127	11.40-11.68 RURAL	0.28	1478	1	24	3942	197	296	1	110			1.50	164			2.5	3942	197	
			11.68-12.04 URBAN	0.36	1901	1	24	5069	253	380	1	141			1.50	211			2.5	5069	253	
3	PRE	725	0.00-8.18	8.18	43190	1	20	95979	4799	7198	1	2667	1	2667					2	95979	4799	
4	PRE	725	15.17-15.57	0.40	2112	1	20	4693	235	352	1	130	1	130					2	4693	235	
			15.57-15.70	0.13	686	2/3	43	3279	164	246	1	91	1	91					2	3279	164	
			15.70-16.18	0.48	2534	1	20	5632	282	422	1	156	1	156					2	5632	282	
			RURAL TOTAL						6664	9994		3702		3593		164				133240	6664	
			URBAN TOTAL						253	380		141				211				5069	253	
SHEET TOTAL									6917	10374		3844		3593		375					138330	6917

ASPHALT CONCRETE

PRE-122/ 725-17.74/ 0.00

6
13



- * **WIDTH INCLUDES BOTH SHOULDERS**

PRE-122 / 725-17.74 / 0.00

PART	ROUTE	LOG POINT MILE		LENGTH		TYPICAL	PROPOSED WIDTH (FEET)		SHOULDER AREA	PAVEMENT DATA																	
										ITEM 407		ITEM 448				ITEM 617				ITEM 254							
										TACK COAT FOR INTERMEDIATE COURSE +0.050 gal./s.y.	TACK COAT +0.075 gal./s.y.	INTERMEDIATE COURSE TYPE 1, PG 64-22		SURFACE COURSE TYPE 1, PG 64-22		SURFACE COURSE TYPE 1H		SHOULDER PREPARATION				COMPACTED AGGREGATE		WATER 20gal/c.y.			
												AVG THICK		AVG THICK		AVG THICK		AVG WIDTH		AVG THICK							
		FROM	TO	MILES	FT		LT	RT		SQ YD	GAL	GAL	INCHES	CU YD	INCHES	CU YD	INCHES	CU YD	FEET	SQ YD	INCHES	CU YD	MGALS	DEPTH INCHES	SQ YD		SQ YD
1	122	17.74	18.36	0.62	3274	2	3	4		2546	127	191	1	71	1	71			1.5	546	0.75	11	0.23	2	2546		127
		18.36	18.39	0.03	158	1	4	4		141	7	11	1	4	1	4			3	53	0.75	1	0.02	2	141		7
		18.66	19.06	0.40	2112	1	3	3		1408	70	106	1	39	1	39			3	704	0.75	15	0.29	2	1408		70
2	127 RURAL	11.40	11.68	0.28	1478	1	2	2		657	33	49	1	18			1.5	27	3	493	0.75	10	0.21	2.5	657		33
	URBAN	11.68	12.04	0.36	1901	1	2	2		845	42	63	1	23			1.5	35	3	634	0.75	13	0.26	2.5	845		42
3	725	0.00	1.83	1.83	9662	1	2	2		4294	215	322	1	119	1	119			3	3221	0.75	67	1.34	2	4294		215
		1.83	1.93	0.10	528	1	4	6		587	29	44	1	16	1	16			3	176	0.75	4	0.07	2	587		29
		1.93	8.18	6.25	33000	1	2	2		14667	733	1100	1	407	1	407			3	11000	0.75	229	4.58	2	14667		733
4	725	15.17	15.57	0.40	2112	1	2	3		1173	59	88	1	33	1	33			3	704	0.75	15	0.29	2	1173		59
		15.70	16.18	0.48	2534	1	2	2		1126	56	84	1	31	1	31			3	845	0.75	18	0.35	2	1126		56
			RURAL	TOTAL							1329	1995		738		720		27		17742		370	7.40		27420		1329
			URBAN	TOTAL							42	63		23				35		634		13	0.26		1901		42
SHEET TOTAL											1371	2058		761		720		62		18376		383	7.64		27444		1371

CONTINGENCY QUANTITIES

THE CONTRACTOR SHALL NOT ORDER MATERIALS OR PERFORM WORK LISTED IN THE GENERAL SUMMARY FOR ITEMS DESIGNATED BY PLAN NOT TO BE USED *AS DIRECTED BY THE ENGINEER *UNLESS AUTHORIZED BY THE ENGINEER. THE ACTUAL WORK LOCATIONS AND QUANTITIES USED AT THE ENGINEER'S DIRECTION SHALL BE MADE A MATTER OF RECORD BY INCORPORATION INTO THE FINAL CHANGE ORDER GOVERNING COMPLETION OF THE PROJECT.

PERMANENT PAVEMENT MARKINGS

THE CONTRACTOR SHALL REFERENCE ALL PAVEMENT MARKINGS INCLUDING AUXILIARY PAVEMENT MARKINGS BEFORE THE START OF THE RESURFACING OPERATION. THIS WILL BE NECESSARY ASSURE TO CORRECT PLACEMENT OF MARKINGS IN ORIGINAL LOCATIONS. FOR CENTER LINE MARKINGS, THE CONTRACTOR SHALL INSTALL THE PASSING/NO PASSING ZONE MARKINGS ACCORDING TO THE CURRENT CENTER LINE LOGS AVAILBLE AT THE TIME OF INSTALLATION. THE ENGINEER WILL PROVIDE THE CENTER LINE LOGS AT THE PRECONSTRUCTION MEETING. PAYMENT FOR THIS OPERATION SHALL BE INCLUDED WITH EACH RESPECTIVE PAVEMENT MARKING ITEM.

ITEM 623- CONSTRUCTION LAYOUT STAKES, AS PER PLAN

PRIOR TO THE START OF ROADWAY OPERATION, THE CONTRACTOR SHALL REFERENCE THE LENGTH OF THE PROJECT ON BOTH SIDES OF THE ROADWAY, IN A MANNER SATISFACTORY TO THE ENGINEER. THE PAVEMENT SHALL BE REFERENCED IN 1000 FEET INCREMENTS, OR IN INCREMENTS ACCEPTABLE TO THE ENGINEER, IN A SEMIPERMANENT CONDITION.

ITEM 407- TACK COAT

THE RATE OF APPLICATION OF 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT, AS DIRECTED BY THE ENGINEER. FOR ESTIMATING PURPOSES ONLY, THE PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF:

0.075 GALLONS PER SQUARE YARD OF TACK COAT.
0.050 GALLONS PER SQUARE YARD OF TACK COAT FOR INTERMEDIATE COURSE.

TEMPORARY PAVEMENT WEDGE

TEMPORARY PAVEMENT WEDGES SHALL BE PROVIDED AT ALL TIMES WHERE TRAFFIC IS REQUIRED TO TRAVEL FROM OR ONTO PAVEMENT SURFACE OF A DIFFERENT ELEVATION. THE MINIMUM SLOPE OF THE TEMPORARY PAVEMENT WEDGE SHALL BE 3:1 ALONG THE LONGITUDINAL JOINTS AND 120:1 AT TRANSVERSE JOINT. THESE WEDGES SHALL BE REMOVED PRIOR TO PLACING THE SPECIFIED PAVEMENT COURSE. PAYMENT FOR ALL WORK, MATERIALS, ECT., ASSOCIATED WITH THIS ITEM SHALL BE PAID UNDER MAINTAINING TRAFFIC AS PER PLAN.

ITEM 254- PAVEMENT PLANING, ASPHALT CONCRETE

THE PLANING SHALL BE SCHEDULED SO AS TO BE COVERED BY THE INTERMEDIATE COURSE WITHIN THE FIRST WEEK. THE COST OF THE ABOVE SHALL BE INCLUDED IN THE UNIT BID FOR THE RESPECTIVE ITEM. FAILURE TO COMPLY WITH THE ABOVE REQUIREMENTS SHALL RESULT IN LIQUIDATED DAMAGES AS PER 108.07 OF THE SPECIFICATIONS.

CONSTRUCTION NOTIFICATION

THE CONTRACTOR WILL ADVISE THE PROJECT ENGINEER A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO THE FOLLOWING: THE START OF CONSTRUCTION ACTIVITIES, LANE CLOSURES, AND OR ROAD CLOSURES. THE PROJECT ENGINEER WILL FORWARD THIS INFORMATION TO THE DISTRICT PUBLIC INFORMATION OFFICER (PIO) BY FAX AT (513) 932-7651 OR E-MAIL AT D08.PIO.FORM@dot.state.oh.us. THE PIO WILL, IN TURN, NOTIFY THE PUBLIC, LOCAL EMERGENCY SERVICES, EFFECTED SCHOOLS AND BUSINESSES, AND ANY OTHER IMPACTED LOCAL PUBLIC AGENCY OF ANY OF THE ABOVE MENTIONED ITEMS, VIA MEDIA SOURCES.

UTILITY OWNERSHIP

THE FOLLOWING UTILITIES AND OWNERS ARE LOCATED WITHIN THE WORK LIMITS OF THIS PROJECT.

PRE-122-17.74 TO 19.06

DAYTON POWER & LIGHT 1900 DRYDEN ROAD DAYTON, OH 45439 JOHN KENTON (937) 331-4132	TIME WARNER CABLE 3691 TURNER ROAD DAYTON, OH 45415 TIM KUSS (937) 425-8850
---	---

VECTRON GAS 6500 CLYO ROAD DAYTON, OH 45459 DON SPECHT (937) 313-7315	VILLAGE OF GRATIS WATER & SEWER 404 HARRISON STREET GRATIS, OH 45330 TIM HOFFMAN (937) 787-3728
---	---

VERIZON TELEPHONE 6464 WESTBROOK ROAD CLAYRON, OH 45315 RICHARD FERRIS (937) 833-0468	
---	--

PRE-127-11.40 TO 12.04

DAYTON POWER & LIGHT 1900 DRYDEN ROAD DAYTON, OH 45439 JOHN KENTON (937) 331-4132	TIME WARNER CABLE 3691 TURNER ROAD DAYTON, OH 45415 TIM KUSS (937) 425-8850
---	---

VECTRON GAS 6500 CLYO ROAD DAYTON, OH 45459 DON SPECHT (937) 313-7315	CENTURYLINK TELEPHONE 803 E. 12TH STREET GREENVILLE, OH 45331 DAVE KAPLAN (937) 547-4255
---	--

KNOX ENGERY 5900 MAYFAIR RD, NW NORTH CANTON, OH 44720 FRANK STAUFFER (330) 498-9130	CITY OF EATON WATER WORKS 328 N. MAPLE STREET EATON, OH 45320 ANDREAS EDDY (330) 456-7157
--	---

PRE-725-0.00 TO 8.18 AND 15.17 TO 16.18

DAYTON POWER & LIGHT 1900 DRYDEN ROAD DAYTON, OH 45439 JOHN KENTON (937) 331-4132	CENTURYLINK TELEPHONE 803 E. 12TH STREET GREENVILLE, OH 45331 DAVE KAPLAN (937) 547-4255
---	--

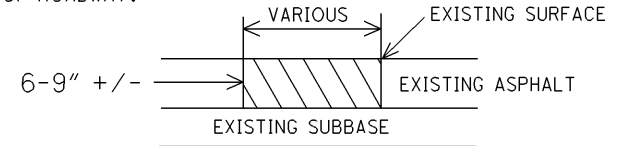
VECTRON GAS 6500 CLYO ROAD DAYTON, OH 45459 DON SPECHT (937) 313-7315	VILLAGE OF CAMDEN WATER & SEWER 59 N. MAIN STREET CAMDEN, OH 45311 KEN MORELAND (937) 452-7547
---	--

VERIZON TELEPHONE 6464 WESTBROOK ROAD CLAYRON, OH 45315 RICHARD FERRIS (937) 833-0468	VILLAGE OF GRATIS WATER & SEWER 404 HARRISON STREET GRATIS, OH 45330 TIM HOFFMAN (937) 787-3728
---	---

TIME WARNER CABLE 3691 TURNER ROAD DAYTON, OH 45415 TIM KUSS (937) 425-8850	
---	--

ITEM 253- PAVEMENT REPAIR, AS PER PLAN

AN ESTIMATED QUANTITY OF 400 CU YDS OF ITEM 253- PAVEMENT REPAIR HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. THIS OPERATION SHALL BE PERFORMED BEFORE PAVEMENT PLANING OF ROADWAY.



EXISTING DETERIORATED ASPHALT SHALL BE REMOVED TO A MINIMUM DEPTH OF 6" INCHES IN SIDE THE VILLAGE OF GRATIS AND 9" INCHES OUTSIDE OF THE VILLAGE CORP LIMITS OR AS DIRECTED BY THE ENGINEER AND REPLACED WITH ITEM 301, BITUMINOUS AGGREGATE BASE. THE 301 SHALL BE COMPACTED AS PER 401.16 AND IN APPROXIMATELY EQUAL LAYERS. THE LOCATIONS AND SIZE OF THE REPAIRS SHALL BE DETERMINED BY THE ENGINEER.

THE QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY.

ITEM 253 TOTAL SR 122- 100 CU YD
ITEM 253 TOTAL SR 127- 100 CU YD
ITEM 253 TOTAL SR 725 0.00-8.18- 100 CU YD
ITEM 253 TOTAL SR 725 15.17-16.18- 100 CU YD
ITEM 253 TOTAL- 400 CU YD

ITEM 608- 4" CONCRETE WALK

SIDEWALK TO BE RE-CONSTRUCTED AT THE FOLLOWING LOCATIONS AND DETECTABLE WARNING (LOCATIONS: LISTED BELOW):

SR 122 17.74-19.06

SW CORNER OF SR 122 & SR 503	80 SQ FT
NW CORNER OF SR 122 & SR 503	16 SQ FT
NW CORNER OF SR 503 & SR 122	16 SQ FT
SW CORNER OF SR 122 & N. EAST ST. (SB SR 122)	100 SQ FT

SR 725 17.15-16.18

NW CORNER OF SR 725 & SR 503	32 SQ FT
NE CORNER OF SR 122 & SR 503	80 SQ FT

THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY:

ITEM 202- WALK REMOVED-	324 SQ FT
ITEM 608- 4" CONCRETE SIDEWALK-	324 SQ FT

ITEM 608- DETECTABLE WARNING:

THERE IS A QUANTITY OF 234 SQ FT DETECTABLE WARNING TO BE INSTALLED AT THE FOLLOWING LOCATIONS:

SR 122

NE CORNER OF NORTH STREET & SR 122- 8 SQ FT
SE CORNER OF HARRISON STREET & SR 122- 8 SQ FT
SW CORNER OF SR 122 & SR 503- 8 SQ FT
SW CORNER OF SR 503 & SR 122- 8 SQ FT
NW CORNER OF SR 503 & SR 122- 8 SQ FT
NW CORNER OF SR 122 & SR 503- 8 SQ FT
SE CORNER OF SR 503 & SR 122- 10 SQ FT
SW CORNER OF SR 122 & E. MAIN ST- 20 SQ FT
NW CORNER OF SR 122 & E. MAIN ST- 10 SQ FT
NE CORNER OF E. MAIN ST & SR 122- 10 SQ FT
SE CORNER OF E. MAIN ST & SR 122- 8 SQ FT
SE CORNER OF SR 122 & E. MAIN ST- 8 SQ FT
SW CORNER OF SR 122 & SR 725- 10 SQ FT
NW CORNER OF SR 122 & SR 725- 8 SQ FT

SR 725

SE CORNER OF SR 725 & HARRISON ST- 8 SQ FT
NE CORNER OF SR 725 & HARRISON ST- 8 SQ FT
NE CORNER OF HARRISON ST & SR 725- 8 SQ FT
SW CORNER OF SR 725 & SR 503- 8 SQ FT
SW CORNER OF SR 503 & SR 725- 8 SQ FT
NW CORNER OF SR 725 & SR 503- 8 SQ FT

ITEM 608- DETECTABLE WARNING: (CONT:)

NW CORNER OF SR 503 & SR 725- 8 SQ FT
NE CORNER OF SR 503 & SR 725- 10 SQ FT
SE CORNER OF SR 725 & SR 503- 10 SQ FT
SE CORNER OF SR 503 & SR 725- 10 SQ FT
NW CORNER OF SR 725 & SR 122- 8 SQ FT
SE CORNER OF SR 725 & SR 122- 8 SQ FT

THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY:

ITEM 608- TOTAL DETECTABLE WARNING- 234 SQ FT
ITEM 608- DETECTABLE WARNING SR 122- 132 SQ FT
ITEM 608- DETECTABLE WARNING SR 725- 102 SQ FT

ITEM 618- EDGE LINE, RUMBLE STRIPE (ASPHALT CONCRETE)

THE CONTRACTOR SHALL CUT IN THE EDGE LINE, RUMBLE STRIPES AFTER THE WORK ZONE EDGE LINES ARE PLACED AND BEFORE THE PERMANENT EDGE LINES PAVEMENT MARKINGS ARE PLACED.

DESCRIPTION: THE WORK SHALL CONSISTS OF GRINDING DEPRESSIONS (RUMBLE STRIPES) AND PLACING 4 INCH WIDE EDGE LINE SO AS TO BE VISIBLE FROM BOTH DIRECTIONS OF TRAVEL IN THE PAVEMENT AT THE LOCATION OF THE EDGE OF PAVEMENT. CONSTRUCT EDGE LINE, RUMBLE STRIPES ACCORDING TO TRAFFIC PLAN INSERT SHEET 206410.

CONSTRUCTION OF EDGE LINE, RUMBLE STRIPE: FURNISH EQUIPMENT TO GRIND THE DEPRESSIONS WITH A ROTARY CUTTING HEAD THAT WILL PRODUCE THE REQUIRED DIMENSIONS AND A PATTERN OF CUTTING TIPS TO PRODUCE A SMOOTH CUT WITH APPROXIMATELY 0.06 INCHES (1.5 MM) BETWEEN PEAKS AND VALLEYS. ENSURE THAT THE CUTTING HEAD IS ON ITS OWN SUSPENSION SYSTEM, INDEPENDENT FROM THAT OF THE POWER UNIT, TO ALLOW THE HEAD TO ALIGN ITSELF WITH THE SLOPE PAVEMENT OR ANY IRREGULARITIES IN THE PAVEMENT SURFACE. EQUIP THE CUTTING TOOL GUIDES OR A GUIDANCE SYSTEM, CLEARLY VISIBLE TO THE OPERATOR, TO PROVIDE FOR CONSISTENT ALIGNMENT. TAKE EFFECTIVE MEASURES TO CONTROL DUST DURING THE GRINDING OPERATION.

LOCATION AND PLACEMENT RESTRICTIONS OF EDGE LINE, RUMBLE STRIPE: EDGE LINE, RUMBLE STRIPES ARE NOT TO BE USED AT LOCATIONS WHERE THE LANE WIDTH IS LESS THAN 11 FEET AND THE POSTED SPEED LIMIT IS LESS THAN 50 MPH. RUMBLE STRIPES ARE NOT TO BE USED WHERE THE SHOULDER WIDTH IS LESS THAN 2 FEET. DISCONTINUE EDGE LINE, RUMBLE STRIPES AT INTERSECTION, RIGHT TURN LANES, DRIVEWAYS, STRUCTURES AND 650 FEET FROM URBAN AND/OR RESIDENTIAL AREAS. DISCONTINUE RUMBLE STRIPES AT THE INTERSECTION OF TWO STATE ROUTES WHERE RAISED PAVEMENT MARKERS BEGING OR END.

LOCATE EDGE LINE, RUMBLE STRIPES ON THE PAVEMENT PER THE SPECIFICATION OF TRAFFIC PLAN INSERT SHEET 206410.

METHOD OF MEASUREMENT: THE DEPARTMENT WILL MEASURE EDGE LINE, RUMBLE STRIPES IN THE UNIT OF MILES (KILOMETERS) COMPLETED IN PLACE. THE DEPARTMENT WILL MEASURE QUANTITIES AS THE LENGTH OF COMPLETED GRINDING, INCLUDING THE GAPS, INTERSECTIONS AND OTHER SECTIONS OF PAVEMENT NOT BEING GROUND BETWEEN THE BEGINNING STRAIGHT LINE MILEAGE AND THE ENDING STRAIGHT LINE MILEAGE LISTED IN THE PLANS.

BASIS OF PAYMENT: THE DEPARTMENT WILL NOT PAY FOR REPAIRING THE SURFACE DAMAGE AND EXTRANEIOUS MARKS CAUSED BY THE CONTRACTORS OPERATIONS.

THE FOLLOWING QUANTITIES ARE CARRIED TO THE GENERAL SUMMARY:

ITEM 618- EDGE LINE, RUMBLE STRIPE- 16.36 MILE (SR 725 0.00-8.18)

CALCULATED
CHECKED

GENERAL NOTES

PRE-122/ 725-17.74/ 0.00

8
13

ITEM 614- MAINTAINING TRAFFIC

IT IS THE INTENTION OF THESE PLANS TO PERFORM THE REQUIRED WORK WITH THE LEAST INCONVENIENCE TO AND THE MAXIMUM SAFETY OF, THE CONTRACTOR AND THE TRAVELING PUBLIC. THE REQUIREMENTS FOR MAINTAINING TRAFFIC SHALL BE AS INDICATED IN THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, CURRENT EDITION. THE PROPOSAL, THE SPECIFICATION AND THE PLANS. ANY VARIANCE FROM THESE REQUIREMENTS SHALL BE APPROVED BY THE DIRECTOR IN WRITING.

TRAFFIC IS TO BE MAINTAINED IN A UNIFORM PATTERN THROUGH OUT THE ENTIRE LENGTH OF THE PROJECT AND NOT TO BE SUBJECT TO CONSTANT LANE SHIFTS.

ALL VEHICLES, EQUIPMENT, PERSON, AND ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE DIRECTIONAL PAVEMENT LANES UNLESS OTHERWISE APPROVED BY THE ENGINEER. VEHICLES AND EQUIPMENT SHALL ALWAYS MOVE WITH AND NOT ACROSS OR AGAINST THE FLOW OF TRAFFIC

VEHICLES AND EQUIPMENT SHALL NOT PARK OR STOP EXCEPT WITHIN DESIGNATED WORK AREAS, AND SHALL ENTER AND LEAVE THE WORK AREAS IN A MANNER WHICH WILL NOT BE HAZARDOUS TO, OR INTERFERE WITH THE NORMAL FLOW OF TRAFFIC. PERSONAL VEHICLES WILL NOT BE PERMITTED TO PARK WITHIN THE RIGHT-OF-WAY EXCEPT IN SPECIFIC AREAS DESIGNATED BY THE ENGINEER. EQUIPMENT, VEHICLES , AND MATERIAL SHALL NOT BE STORED OR PARKED ON THE PROJECT WITHIN THIRTY (30) FEET FROM THE EDGE OF THE TRAVELED PAVEMENT UNLESS THEY ARE 6 FEET BEHIND GUARDRAIL.

THE CONTRACTOR WILL BE REQUIRED TO PROVIDE, ERECT, MAINTAIN (IN PROPER POSITION, KEEP CLEAN, LEGIBLE AND IN GOOD CONDITION), AND REMOVE LIGHTS, SIGN, AND OTHER TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC, INCLUDING REGULATORY SIGNS AND PAVEMENT MARKINGS. ALL SIGNS SHALL BE POST MOUNTED.

THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE INSTALLATION AND OPERATION OF ALL TRAFFIC CONTROL AND TRAFFIC CONTROL DEVISES SHALL BE PROVIDED BY THE CONTRACTOR WEATHER INSIDE OR OUTSIDE OF THE WORK LIMITS.

ITEM 614- MAINTAINING TRAFFIC (EDGE LINE, RUMBLE STRIPE ONLY)

LENGTH AND DURATION OF LANE CLOSURE AND RESTRICTIONS SHALL BE AT THE APPROVAL OF THE ENGINEER. IT IS THE INTENT TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. LANE CLOSURES OR RESTRICTIONS OVER SEGMENTS OF THE PROJECT IN WHICH NO WORK IS ANTICIPATED WITHIN A REASONABLE TIME FRAME, AS DETERMINED BY THE ENGINEER, SHALL NOT BE PERMITTED. THE LEVEL OF UTILIZATION OF MAINTENANCE OF TRAFFIC DEVICES SHALL BE COMMENSURATE WITHIN THE WORK IN PROGRESS.

NOTIFICATION OF CONSTRUCTION INITIATION

AT LEAST 14 DAYS PRIOR TO ANY CONSTRUCTION ACTIVITIES FOR THE EDGE LINE RUMBLE STRIPE, THE CONTRACTOR SHALL CONTACT JAY HAMILTON OR TOMMY ARNOLD AT THE DISTRICT OFFICE IN ORDER THAT THE RUMBLE STRIPE BEGIN/END LOCATIONS CAN BE MARKED IN THE FIELD.

ITEM 614- MAINTAINING TRAFFIC (WORK ZONE MARKINGS)

THE CONTRACTOR SHALL APPLY ALL OF THE WORK ZONE MARKINGS AFTER THE PLANING OPERATION AND AGAIN AFTER THE RESURFACING, UNLESS PERMANENT MARKINGS ARE INSTALLED PRIOR TO OPENING A LANE TO TRAFFIC.

CLASS I, WORK ZONE PAVEMENT STRIPING FOR PLANED SURFACE AND INTERMEDIATE COURSE.

22.30 MILE- ITEM 614-WORK ZONE CENTER LINE, CLASS I
296 FEET- ITEM 614-WORK ZONE STOP LINE, CLASS I
2040 FEET- ITEM 614- WORK ZONE CROSSWALK LINE, CLASS I

CLASS III, WORK ZONE PAVEMENT STRIPING FOR SURFACE COURSE.

11.15 MILE- ITEM 614-WORK ZONE CENTER LINE, CLASS III, 642 PAINT
148 FEET- ITEM 614-WORK ZONE STOP LINE, CLASS III, 642 PAINT
1020 FT- ITEM 614- WORK ZONE CROSSWALK LINE, CLASS III, 642 PAINT

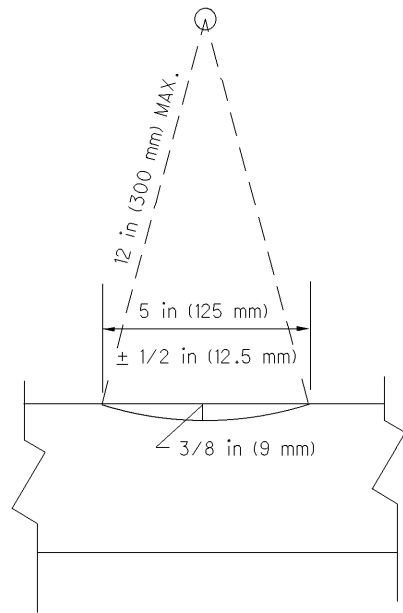
ITEM 614- MAINTAINING TRAFFIC (WORK ZONE MARKINGS)
(FOR EDGE LINE, RUMBLE STRIPES ASPHALT CONCRETE)

CLASS I, WORK ZONE PAVEMENT STRIPING FOR SURFACE COURSE (FOR EDGE LINE, RUMBLE STRIPES ONLY). THE CONTRACTOR SHALL PLACE WORK ZONE EDGE LINE PRIOR TO THE GRINDING OF THE EDGE LINE RUMBLE STRIPES. THIS IS TO ASSIST IN THE LAYOUT OF THE EDGE LINE, RUMBLE STRIPES.

16.36 MILE- ITEM 614- WORK ZONE EDGE LINE, CLASS I
(SR 725 FROM S.L.M. 0.00 TO S.L.M. 8.18)

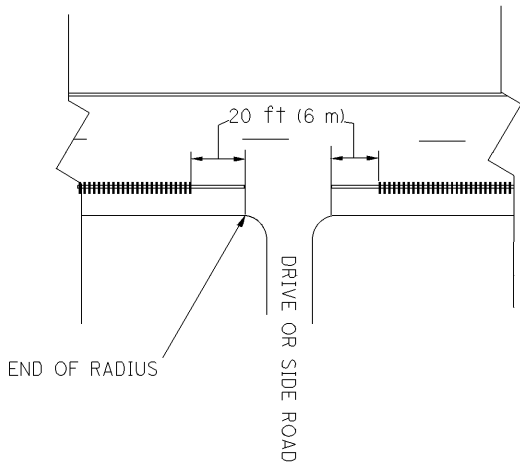
ITEM 614- WORK ZONE MARKING SIGNS

A QUANTITY OF 50 EACH WORK ZONE MARKING SIGNS, " NO EDGE LINE" W8-H13 HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE PROJECT ENGINEER.

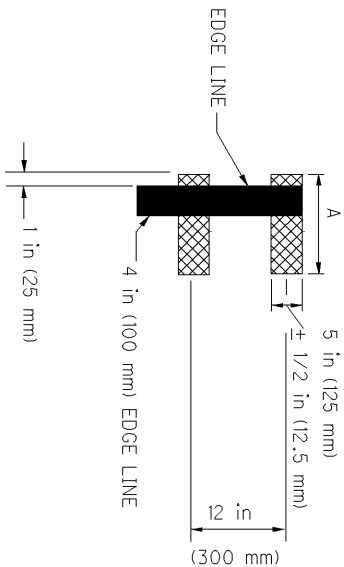
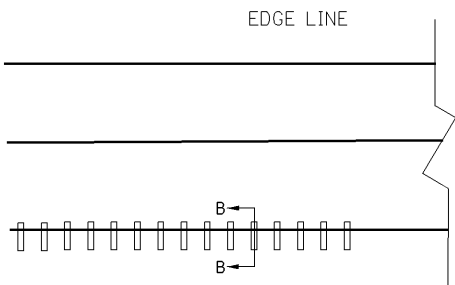


PROFILE

SHOULDER WIDTH	A
2-5 ft (0.6-1.5 m)	6 in (150 mm)
5 ft-1 in - 8 ft (1.5 m-25mm - 2.4 m)	10 in (250 mm)
≥ 8 ft- 1 in (≥ 2.4 m-25mm)	16 in (400 mm)



SIDE ROAD AND DRIVE RUMBLE STRIPE INSTALLATION DETAILS



SECTION B-B
EDGE LINE RUMBLE STRIPE

NOTES

- Rumble stripes shall be interrupted for driveways and intersections.
- Rumble stripes shall be paid for in accordance with Item 618.
- Rumble stripes shall be installed on a 62 foot (18.6 meter) cycle, i.e. 50 feet (15 meters) of rumble stripes followed by a 12 foot (3.6 meter) gap.

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ALL QUANTITIES CARRIED TO THE GENERAL SUMMARY																			
PART	COUNTY	ROUTE	FROM MILE MARKER	TO MILE MARKER	642 QUANTITIES				644 QUANTITIES				645 QUANTITIES			REMARKS			
					CENTER LINE				CENTER LINE				CENTER LINE						
					TOTAL	DASHES	SOLID		TOTAL	DASHES	SOLID		TOTAL	DASHES	SOLID				
1	PRE	122	17.74	19.06	1.32	1.07	2.60												
2	PRE	127	11.40 RURAL	11.68 RURAL	0.28		0.56												
2	PRE	127	11.68 URBAN	12.04 URBAN	0.36		0.72												
3	PRE	725	0.00	8.18	8.11	3.77	11.21					0.07		0.14					
4	PRE	725	15.17	16.18	1.01		2.02												
CENTER LINE TOTAL					11.08	4.84	17.11					0.07		0.14					
PART	COUNTY	ROUTE	FROM MILE MARKER	TO MILE MARKER	642 EDGE LINE			PART.	EDGE LINE QUANTITIES		644 EDGE LINE			645 EDGE LINE					
					TOTAL MILES	HWY. MILES	RAMP MILES		WHITE	YELLOW	TOTAL MILES	WHITE	YELLOW	TOTAL MILES	WHITE	YELLOW			
1	PRE	122	17.74	19.06	2.14				2.14										
2	PRE	127	11.40 RURAL	11.68 RURAL	0.56				0.56										
2	PRE	127	11.68 URBAN	12.04 URBAN	0.72				0.72										
3	PRE	725	0.00	8.18	16.22				16.22					0.14	0.14				
4	PRE	725	15.17	16.18	1.74				1.74										
EDGE LINE TOTAL					21.38				21.38					0.14	0.14				
PART	COUNTY	ROUTE	FROM MILE MARKER	TO MILE MARKER	642 QUANTITIES				644 QUANTITIES				645 QUANTITIES			REMARKS			
					LANE LINE				LANE LINE				LANE LINE						
					TOTAL	DASHES	SOLID		TOTAL	DASHES	SOLID		TOTAL	DASHES	SOLID				
LANE LINE TOTAL																			
AUXILIARY MARKING																			
PART	COUNTY	ROUTE			24" TRANSVERSE LINES		STOP LINE	12" CROSS-WALK	WORD ON PAVEMENT		SCHOOL SYMBOL MARKING		LANE ARROWS			ISLAND MARKING	RR SYMBOL	8" CHANNELIZING LINE	REMARKS
			S.L.M.		WHITE	YELLOW	24"	WHITE	ONLY	ONLY	SCHOOL	SCHOOL	LEFT	TURN	THRU/RIGHT			WHITE	
			FROM	TO	FT	FT	FT	FT	72"	96"	72"	96"	EACH	EACH	EACH	SQ FT	EACH	FT	
1	PRE	122	17.74	19.06			23	652											
3	PRE	725	0.00	8.18			63												
4	PRE	725	15.17	16.18			62	368											
AUXILIARY MARKING TOTAL							148	1020											

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RPM

PRE-122/725-0.00/0.00

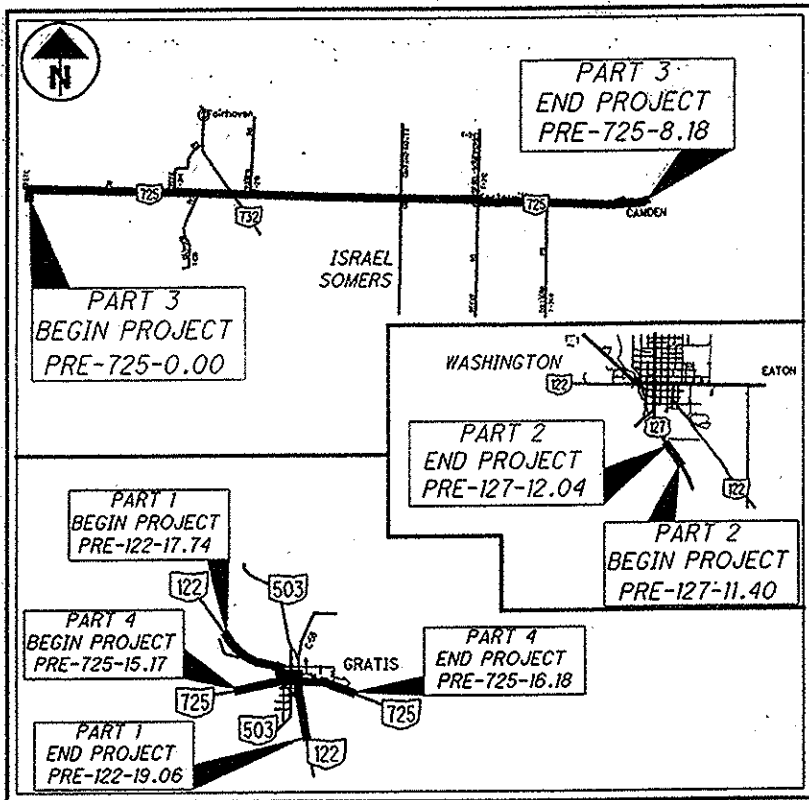


ITEM 621- RAISED PAVEMENT MARKERS REMOVED
AN ESTIMATED QUANTITY OF 950 EA. ITEM 621 RAISED PAVEMENT MARKERS REMOVED HAS BEEN PROVIDED.

GENERAL SUMMARY

PRE - SR-122/725-17.74/0.00
110430 PID - 84612
Dist 8 6/30/2011

Contract Proposal available
@www.contracts.dot.state.oh.us/home



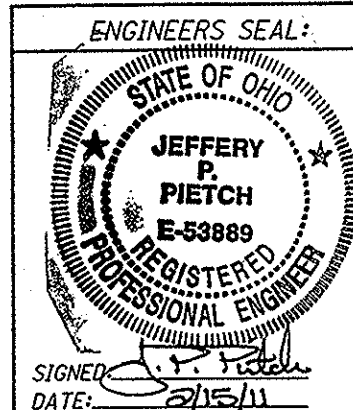
LOCATION MAP

LATITUDE: 39°12'36" N LONGITUDE: 84°35'02" W

DESIGN EXCEPTIONS: N/A

UNDERGROUND UTILITIES	
CONTACT BOTH SERVICES CALL TWO WORKING DAYS BEFORE YOU DIG	
CALL 1-800-362-2764 (TOLL FREE)	
OHIO UTILITIES PROTECTION SERVICE NON-MEMBERS MUST BE CALLED DIRECTLY	
OIL & GAS PRODUCERS PROTECTIVE SERVICE CALL: 1-800-925-0988	

PLAN PREPARED BY:
DISTRICT 8 PRODUCTION



STANDARD CONSTRUCTION DRAWINGS										SUPPLEMENTAL SPECIFICATIONS	
BP-3.1	10/19/07									800	04/15/11
BP-4.1	7/16/04									832	05/05/09
BP-7.1	10/15/10										
MT-97.10	10/15/10										
MT-97.12	10/15/10										
MT-99.20	1/16/09										
MT-101.90	1/16/09										
MT-105.10	1/16/09										
MT-110.10	1/16/09										
TC-52.10	1/19/07										
TC-52.20	1/19/07										
TC-65.10	1/21/05										
TC-65.11	1/21/05										
TC-71.10	1/21/11										
TC-73.10	1/19/01										

APPROVED *Steve Mandy*
DATE 2-15-11 DISTRICT DEPUTY DIRECTOR

APPROVED *Steve Mandy*
DATE 4-4-11 DIRECTOR, DEPARTMENT OF
TRANSPORTATION

STATE OF OHIO DEPARTMENT OF TRANSPORTATION PRE-122/725- 17.74/0.00

GRATIS TOWNSHIP
ISRAEL TOWNSHIP
SOMERS TOWNSHIP
WASHINGTON TOWNSHIP

INDEX OF SHEETS:

TITLE	1
SCHEMATIC	2-5
ASPHALT CONCRETE	6
PAVED SHOULDER	7
GENERAL NOTES	8
MAINTENANCE OF TRAFFIC	9
RUMBLE STRIPE	10
PAVEMENT MARKING	11
RAISED PAVEMENT MARKERS	12
GENERAL SUMMARY	13

PROJECT DESCRIPTION

PLANE 2" AND PAVE 1" OF INTERMEDIATE COURSE
1" SURFACE COURSE ON SR 122 & SR 725. PLANE 2.5"
AND PAVE 1" INTERMEDIATE COURSE 1.50" OF SURFACE
COURSE ON US 127, PAVEMENT REPAIR, STRIPING
ROADWAY, INSTALL RAISED PAVEMENT MARKERS, AND
CURB RAMPS AND DETECTABLE WARNING.

PROJECT EDA: N/A (MAINTENANCE PROJECT)
ESTIMATED CONTRACTOR EDA: N/A (MAINTENANCE PROJECT)
NOTICE OF INTENT EDA: N/A (MAINTENANCE PROJECT)

PART	COUNTY	ROUTE	SECTION	PROJECT TERMINI		NET LENGTH MILES	VILLAGE	CITY
				BEGIN	END			
1	PRE	SR 122	17.74-19.06	17.74	19.06	1.32	GRATIS	
2	PRE	SR 127	11.40-12.04	11.40	12.04	0.64		EATON
3	PRE	SR 725	0.00-8.18	0.00	8.18	8.18		
4	PRE	SR 725	15.17-16.18	15.17	16.18	1.01		

2010 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF
OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING
CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED
IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT
THE MAKING OF THIS IMPROVEMENT WILL NOT
REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY
AND THAT PROVISIONS FOR THE MAINTENANCE AND
SAFETY WILL BE AS SET FORTH ON PLANS AND
ESTIMATES.

FEDERAL PROJECT NO. E 090 (088)
PID NO. 84612
CONSTRUCTION PROJECT NO.
RAILROAD INVOLVEMENT NONE
PRE-122/725-17.74/0.00
1
13